



Product/Process Change Notice - PCN 23_0018 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title:	Conversion of 12x12 LFCSP Package Outline from Punch to Sawn and Transfer of Assembly Site to UTAC Thailand
Publication Date:	20-Apr-2023
Effectivity Date:	23-Jul-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

- 1) 12x12 Package Outline conversion for Punched LFCSP to Sawn LFCSP.
- 2) Bill of Material (BOM) change from Die Attach material Ablestik 3230 to Ablestik 8600.
- 3) Assembly site transfer from STATS ChipPAC Singapore (STA) to UTAC Thailand (UT2).
- 4) Top side Pin 1 id change from mechanical to laser marking.

Reason For Change:

Sawn LFCSP is ADI's technology direction for LFCSP. The use of UTAC Thailand as an Assembly site will ensure continued source of product supply. ADI's assembly subcontractors manufacture our products using Analog Devices specified manufacturing flows, process controls and monitors, ensuring the our customers receive the same level of quality and reliability on products they receive from qualified ADI manufacturing locations.

Impact of the change (positive or negative) on fit, form, function & reliability:

The devices function and reliability as specified by the product data sheet will be unaffected by these changes. The Lead Footprint Dimension will remain the same for both punch and sawn LFCSP packages.

Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

[ADI_PCN_23_0018_Rev_-_ADSP-21479W-02_Automotive_Grade_2_at_UT2_Qualifi...](#)

Attachment 2: Type: Package Outline Drawing

[ADI_PCN_23_0018_Rev_-_12x12_Package_Outline_Drawing_Comparison.pdf...](#)

Attachment 3: Type: Detailed Change Description

[ADI_PCN_23_0018_Rev_-_Detailed_Change.pdf...](#)

Attachment 4: Type: Delta Qualification Matrix

[ADI_PCN_23_0018_Rev_-_ADSP-21479W-02_PCN_Delta-Qualification-Matrix-ZV...](#)

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (46)

AD80288 / AD80288BCPZ	AD80288 / AD80288BCPZ-REEL7	AD9531 / AD9531BCPZ	AD9531 / AD9531BCPZ-REEL7	AD9914 / AD9914BCPZ
AD9914 / AD9914BCPZ-REEL7	AD9914S / AD9914BCPZ-CSL	AD9914S / AD9914BCPZ-RL7-CSL	AD9915 / AD80315BCPZ	AD9915 / AD80315BCPZ-REEL7
AD9915 / AD9915BCPZ	AD9915 / AD9915BCPZ-REEL7	ADN4612 / ADN4612ACPZ	ADSP-21477 / ADSP-21477BCPZ-1A	ADSP-21477 / ADSP-21477KCPZ-1A
ADSP-21478 / ADSP-21478BCPZ-1A	ADSP-21478 / ADSP-21478KCPZ-1A	ADSP-21479 / ADSP-21479BCPZ-1A	ADSP-21479 / ADSP-21479KCPZ-1A	ADSP-21487-D / ADSP-21487KCPZ-4
ADSP-21487-D / ADSP-21487KCPZ-4RL	ADSP-21487-D / ADSST-AVR-4086	ADSP-21487-D / ADSST-AVR-4089	ADSP-21487-D / ADSST-AVR-4088	ADSP-21487-D / ADSST-AVR-4101
ADSP-21487-D / ADSST-AVR-4101-RL	ADSP-21489 / ADSP-21489KCPZ-4	ADSP-BF504 / ADSP-BF504BCPZ-4	ADSP-BF504 / ADSP-BF504KCPZ-4	ADSP-BF700 / ADSP-BF700BCPZ-2
ADSP-BF700 / ADSP-BF700KCPZ-1	ADSP-BF700 / ADSP-BF700KCPZ-2	ADSP-BF702 / ADSP-BF702BCPZ-3	ADSP-BF702 / ADSP-BF702BCPZ-4	ADSP-BF702 / ADSP-BF702KCPZ-3
ADSP-BF702 / ADSP-BF702KCPZ-4	ADSP-BF704 / ADSP-BF704BCPZ-3	ADSP-BF704 / ADSP-BF704BCPZ-4	ADSP-BF704 / ADSP-BF704KCPZ-3	ADSP-BF704 / ADSP-BF704KCPZ-4
ADSP-BF706 / AD91207Z	ADSP-BF706 / AD91207Z-RL	ADSP-BF706 / ADSP-BF706BCPZ-3	ADSP-BF706 / ADSP-BF706BCPZ-4	ADSP-BF706 / ADSP-BF706KCPZ-3
ADSP-BF706 / ADSP-BF706KCPZ-4				

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	20-Apr-2023	23-Jul-2023	Initial Release.